



# Chem-Impex International, Inc.

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Manufacturing Facility:  
825 Dillon Drive  
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## Certificate of Origin & BSE/TSE

Date: 12/13/2022 8:18:

### Identification

Item name: Guanosine-5'-triphosphate disodium salt  
Catalog #: 00348 Country of origin of starting materials: China  
Lot #: 002922-220109 Country of manufacture: China

### Starting Materials

Chemical		Organic		Inorganic	
	Enzymatic Synthesis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fermentation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Organic Synthesis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Biological		Human/Animal	Plant	Microbe	
	Natural	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	GMO	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Human, animal, plant, or microbe material was used or came in contact with the starting materials or the equipment, reagents, or media used for its processing, purification, and/or storage.  Yes  No

Specify starting materials (for chemical origin) or organism (and relevant health information, if applicable):

Guanosine-5'-Monophosphate disodium salt

### Manufacturing Process

Organic Synthesis  Enzymatic Synthesis  Other, Specify: Fermentation

Human or animal material was used or came in contact with the product or equipment, reagents, or media used for its processing, purification, and storage.  Yes  No If yes, specify:

The organism listed above (if applicable) is a genetically modified organism (GMO) or an enzyme derived from a GMO.

Yes  No If yes, specify:

No declaration of origin possible. Specify:

### General Declaration:

To the present state of our knowledge we declare the above CII product does not contain any BSE / TSE AGENT. This declaration is given in good faith and no warranty express or implied with respect to quality and properties is made.

Arumugham Balakumar, PhD  
Quality Control Department